

Siderosis bulbi

Category(ies): [Cataract](#), [Lens](#), [Trauma](#)

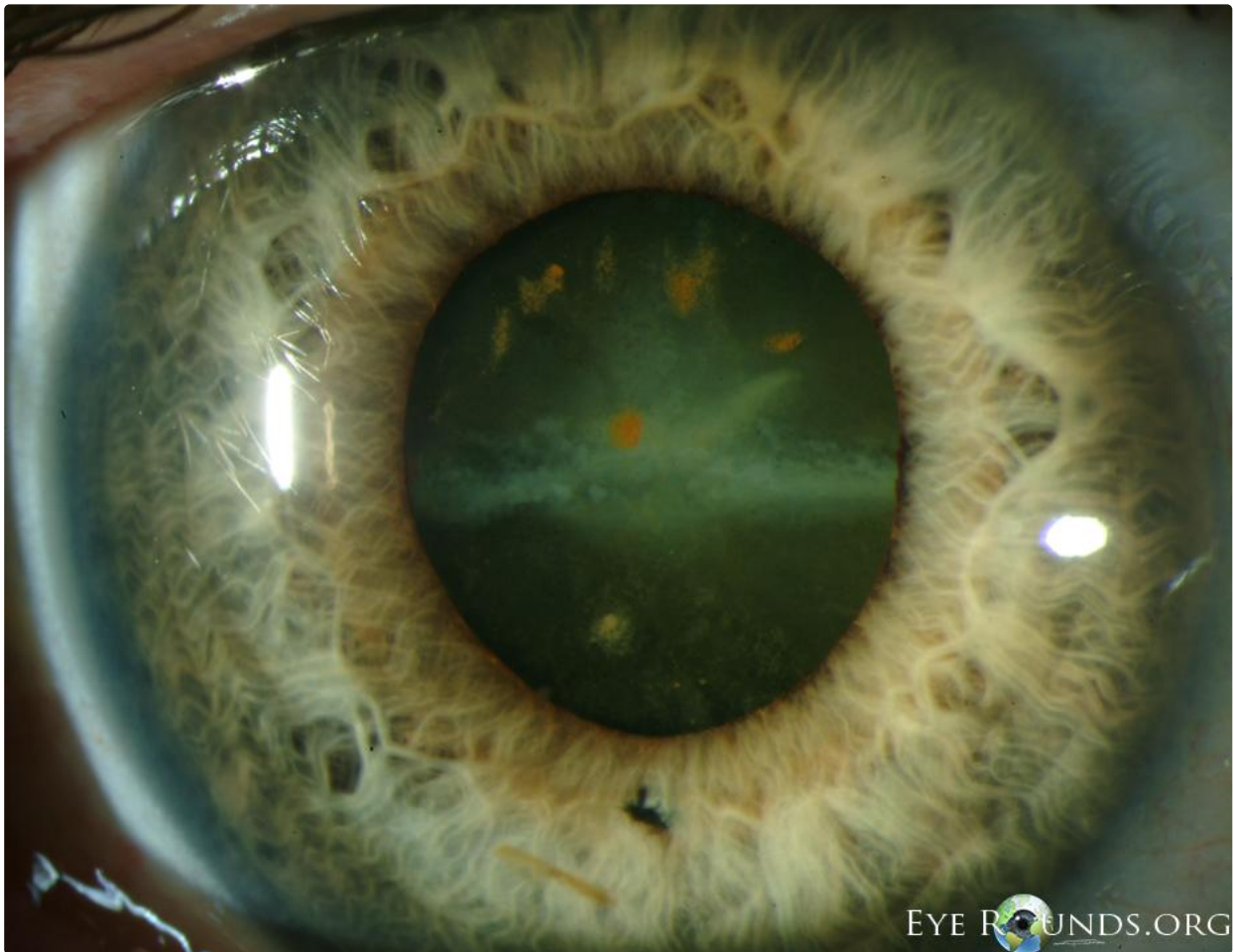
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Siderosis bulbi is caused by retention and oxidation of an iron-containing intraocular foreign body. Clinical features include cataract, rust-colored anterior subcapsular deposits, iris heterochromia (affected side is darker), pupillary mydriasis, and depressed electroretinogram (ERG) amplitudes. Other potential sequelae include pigmentary retinopathy, retinal microangiopathy, and open-angle glaucoma. If the cataract and foreign body are removed and there is no macular trauma, the visual prognosis is excellent.

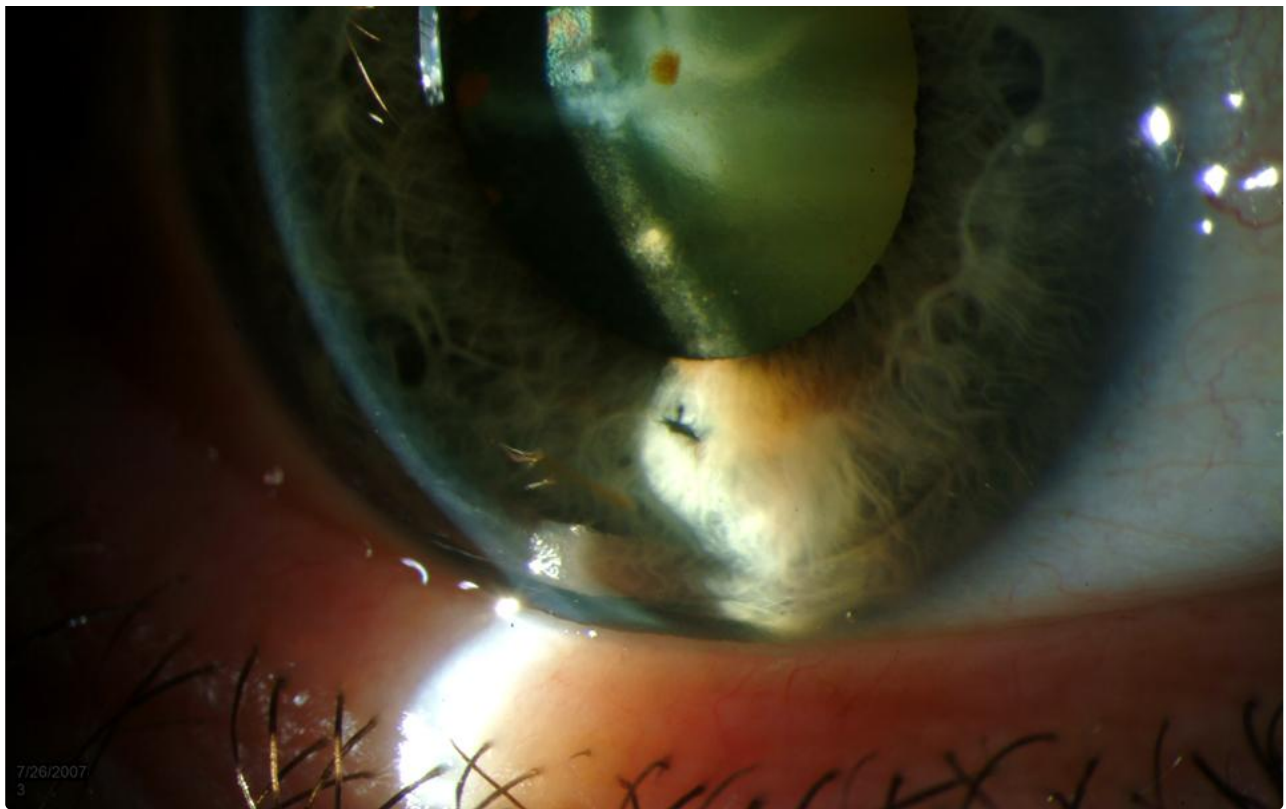
These photos demonstrate iris heterochromia and rust-colored anterior subcapsular deposits in a patient with a history of metal-on-metal ocular trauma. An iris defect and a full-thickness corneal wound are also present inferiorly.



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References:

1. Sneed SR, Weingeist TA. [Management of siderosis bulbi due to a retained iron-containing intraocular foreign body.](#) Ophthalmology. 1990 Mar;97(3):375-9. PubMed PMID: 2336277.

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